



ELSEVIER

Signal Processing 47 (1995) 343-344

**SIGNAL
PROCESSING**

Cumulative contents of Volume 47

Volume 47, No. 1, November 1995

Papers

G.B. Giannakis and A. Delopoulos	
Cumulant-based autocorrelation estimates of non-Gaussian linear processes	1
M. Carrión, A. Gallego, D.P. Ruiz, J.A. Morente and G. Giménez	
A block-data recursive-in-order method based on reflection coefficients for bispectrum estimation using AR-modeling.....	19
R. Ugrinovskiy	
A novel approach to the spectral density estimation problem	33
K.-C. Ho, K.-C. Tan and W. Ser	
An investigation on number of signals whose directions-of-arrival are uniquely determinable with an electromagnetic vector sensor	41
E.E. Azzouz and A.K. Nandi	
Automatic identification of digital modulation types	55
I.B. Collings and J.B. Moore	
An adaptive hidden Markov model approach to FM and <i>M</i> -ary DPSK demodulation in noisy fading channels	71
T. Kaiser	
MA-model identification using modulated moment sequences	85
Book review	105
Thesis alerts	107
Announcements and call for papers	109

Volume 47, No. 2, November 1995

Papers

P.G. Park and T. Kailath	
A lattice algorithm dual to the extended inverse QR algorithm	115
C. van den Branden Lambrecht and M. Karakchou	
Wavelet packets-based high-resolution spectral estimation	135
C.-H. Chang, S. Siu and C.-H. Wei	
A polynomial-perceptron based decision feedback equalizer with a robust learning algorithm	145
P.R. Chitrapu	
On the structure and invertibility of the autocorrelation matrix in the unconstrained FDLMS problem	159
C.S. Regazzoni and G.L. Foresti	
A Gibbs Markov random field model for active imaging at microwave frequencies	169
V. Katkovnik	
A new form of the Fourier transform for time-varying frequency estimation	187

Elsevier Science B.V.

J. Crespo, J. Serra and R.W. Schafer	
Theoretical aspects of morphological filters by reconstruction	201
C.-J. Kim and H.-S. Lee	
Detection analysis of a generalized order statistics CFAR detector for a correlated Rayleigh target	227
Fast communication	
K. Berberidis and J. Palicot	
A frequency domain quasi-Newton algorithm	235

Volume 47, No. 3, December 1995

Papers

A.J.E.M. Janssen	
On rationally oversampled Weyl–Heisenberg frames	239
I. Cha and S.A. Kassam	
Interference cancellation using radial basis function networks	247
C.-K. Chen	
Minimax design of quadrature mirror filters with prescribed stopband characteristics	269
S. Sengupta and S.C. Sahasrabudhe	
Scale space displacement of zero-crossings of $\nabla^2 G$ operated images for convex bodies and convex sets	279
B.-S. Chen and C.-W. Lin	
Optimal design of deconvolution filters for stochastic multirate signal systems	287
D.G. Oh, J.Y. Choi and C.W. Lee	
Adaptive nonlinear equalizer with reduced computational complexity	307
P. Li, B. Yu and J. Sun	
A new method for two-dimensional array signal processing in unknown noise environments	319
Acknowledgements	329
Book review	339
Author index of Volume 47	341
Cumulative contents of Volume 47	343

